IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A video network, comprising:

a plurality of video sources configured to first launch onto the video network first, higher resolution[[,]] video data and to then launch second, lower resolution[[,]] video data providing a lower resolution representation of the higher resolution video data;

at least one destination device configured operable to process video data received via the video network;

a network switch configured to for selectively route the routing data from the video sources to the at least one destination device devices; and

a network control arrangement connected to the video network switch, including and having:

a display device, [[;]]

a graphical user interface (GUI) configured arranged to display, on the display device, the lower resolution representation representations of video data from at least a subset of the plurality of video sources together with identifiers associating the lower resolution representation representations with [[the]] a respective one of the video sources, [[;]]

means for selecting user selection, by use of the GUI, one of [[a]] the video sources that launches source of video of the higher resolution video data and a corresponding one of the at least one destination device, [[;]] and

means for controlling the routing of the higher resolution video data from the selected video source to [[the]] a selected destination device.

Claim 2 (Currently Amended): A video network according to claim 1, wherein in which the network control arrangement comprises a personal computer.

2

Claim 3 (Currently Amended): A video network according to claim 1, ~~w~~ wherein ~~in which~~ the display device is configured ~~arranged~~ to display a plurality of display areas, each display area displaying the lower resolution representation from a respective video source, together with the associated identifier.

Claim 4 (Currently Amended): A video network according to claim 1, wherein ~~in which~~ the GUI provides one or more user-operable switches, identified by the identifiers, for selecting a destination device to be connected to a selected video source.

Claim 5 (Currently Amended): A video network according to claim 4, wherein ~~in which~~ the network control arrangement comprises a user input device for selecting display screen areas; and the user operable switches are display screen areas selectable by the user input device.

Claim 6 (Currently Amended): A video network according to claim 4, wherein ~~in which:~~ the display screen is a touch-sensitive display screen, [[;]] and the user operable switches are display screen areas selectable by the user touching those display screen areas.

Claim 7 (Currently Amended): A video network according to claim 4, wherein ~~in which~~ the network control arrangement comprises a plurality of user-operable buttons, the buttons corresponding to video sources and/or destination devices for selection.

Claim 8 (Currently Amended): A video network according to claim 4, wherein ~~in which~~ the GUI provides at least one selection display area and is configured ~~arranged~~ so that

a source is selected for connection to a destination by dragging and dropping a displayed

representation corresponding to that video source into the selection display area.

Claim 9 (Currently Amended): A <u>video</u> network according to claim 1, the <u>video</u>

network being a packet-based network <u>wherein</u> ~~in which~~ the video sources are associated

with different respective multicast groups.

Claim 10 (Currently Amended): A <u>video</u> network according to claim 9, <u>wherein</u> ~~in~~

~~which~~ sources are associated with at least two respective multicast groups, one multicast

group being associated with the higher resolution video from that source and another

multicast group being associated with the lower resolution video from that source.

Claim 11 (Currently Amended): A <u>video</u> network according to claim 9, <u>wherein</u> ~~in~~

~~which~~ the network control arrangement controls routing from a selected video source to a

selected destination device by sending a message to the destination device to cause the

destination device to join the multicast group of the selected source.

Claim 12 (Currently Amended): A <u>video</u> network according to claim 1, <u>further</u>

comprising a plurality of destination devices.

Claim 13 (Currently Amended): A <u>video</u> network according to claim 1, <u>wherein</u> ~~in~~

~~which~~ at least one destination device comprises a video switching device.

Claim 14 (Currently Amended): A <u>video</u> network according to claim 1, <u>wherein</u> ~~in~~

~~which~~ at least one destination device comprises a video display device.

Claim 15 (Currently Amended): A video network according to claim 1, wherein in which at least one video source comprises a video tape recorder.

Claim 16 (Currently Amended): A video network according to claim 1, wherein in which at least one video source comprises a video camera.

Claim 17 (Currently Amended): A video network according to claim 1, wherein in which: at least one of the video sources and/or destination devices is configured arranged to launch status packets providing device status information onto the video network; and the GUI is configured arranged to display such status information in association with a representation of that device.

Claim 18 (Currently Amended): A video network according to claim 1, wherein in which: the GUI provides user controls to control the operation of at least one of the video sources and/or destination devices; and the network control arrangement is configured operable to transmit control packets providing control information to such a device.

Claim 19 (Currently Amended): A video network according to claim 1, wherein in which the network control arrangement is configured arranged to provide access to different respective subsets of representations and/or control functionality to different users of the network.

Claim 20 (Currently Amended): A video network control arrangement for use in a video network, comprising: having

a plurality of video sources <u>configured</u> to <u>first</u> launch onto the <u>video</u> network first,

higher resolution[[,]] video data and <u>to then launch</u> second, lower resolution[[,]] video data

providing a lower resolution representation of the higher resolution video data;

at least one destination device <u>configured</u> operable to process video <u>data</u> received via

the <u>video</u> network;

a network switch, connectable to the network controller, <u>configured to</u> for selectively

<u>route the</u> routing data from the video sources to the <u>at least one</u> destination <u>device,</u> devices;

the network control arrangement <u>including</u> comprising:

a graphical user interface (GUI) <u>configured</u> arranged to display, on the display

device, the lower resolution <u>representation</u> representations of video data from at least a subset

of the plurality of <u>video</u> sources together with identifiers associating the lower resolution

<u>representation</u> representations with [[the]] <u>a</u> respective <u>one of the video</u> sources, [[;]]

means for <u>selecting</u> user-selection, by use of the GUI, <u>one</u> of [[a]] <u>the video</u>

<u>sources that launches</u> source of video of the higher resolution <u>video data</u> and a corresponding

<u>one of the at least one</u> destination device, [[;]] and

means for controlling the routing of the higher resolution video data from the

selected video source to [[the]] <u>a</u> selected destination device.

Claim 21 (Currently Amended): A <u>video</u> network control arrangement according to

claim 20, <u>further</u> comprising a display device.

Claim 22 (Currently Amended): A method of operation of a video network controller

in a video network having A computer readable storage medium encoded with a computer

readable program configured to cause an information processing apparatus to execute a

method, the method comprising:

launching video data a plurality of video sources to launch onto the <u>video</u> network,

first <u>launching</u>[[,]] higher resolution[[,]] video data and second <u>launching</u>[[,]] lower

resolution[[,]] video data providing a lower resolution representation of the higher resolution

video data;

processing at least one destination device operable to process <u>the</u> video <u>data</u> received

via the <u>video</u> network; and

a network switch, connectable to the network controller, for selectively routing data

from [[the]] <u>a plurality of</u> video sources to the <u>at least one</u> destination <u>device;</u> devices; the

method comprising:

displaying, on a display device, the lower resolution representations of video data

from at least a subset of the plurality of sources together with identifiers associating the lower

resolution representations with the respective sources;

providing user selection of a source of video of the higher resolution and a

corresponding destination device; and

controlling the routing of the higher resolution video data from the selected video

source to the selected destination device.

Claims 23-26 (Canceled).